

Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference F9344	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. PCT/JP2004/000365	International filing date (day/month/year) 19.01.2004	Priority date (day/month/year) 29.01.2003
International Patent Classification (IPC) or national classification and IPC B23Q 3/00, 3/06, 3/18		
Applicant KOSMEK LTD.		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.	
2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.	
3. This report is also accompanied by ANNEXES, comprising:	
a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:	
<input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).	
<input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.	
b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).	
4. This report contains indications relating to the following items:	
<input checked="" type="checkbox"/>	Box No. I Basis of the report
<input type="checkbox"/>	Box No. II Priority
<input type="checkbox"/>	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input type="checkbox"/>	Box No. IV Lack of unity of invention
<input checked="" type="checkbox"/>	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input type="checkbox"/>	Box No. VI Certain documents cited
<input type="checkbox"/>	Box No. VII Certain defects in the international application
<input type="checkbox"/>	Box No. VIII Certain observations on the international application

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/000365

Box No. I

Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☒ the international application as originally filed/furnished
- ☐ the description:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* _____ received by this Authority on _____
- nos.* _____ received by this Authority on _____
- ☐ the drawings:
- sheets _____ as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement			
Novelty (N)	Claims	1-25	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-25	NO
Industrial applicability (IA)	Claims	1-25	YES
	Claims		NO
2. Citations and explanations (Rule 70.7)			
Document 1: EP 322617 A2 (Kabushiki Kaisha Kosmek), 5 July 1989			
Document 2: US 6105951 A (Hidetaka Shibata), 22 August 2000			
Document 3: JP 62-19141 U (Isuzu Motors Limited), 4 February 1987			
Document 4: EP 925871 A2 (Kabushiki Kaisha Kosmek), 30 June 1999			
Document 5: EP 1078713 A1 (Kabushiki Kaisha Kosmek), 28 February 2001			
<p>The inventions set forth in claims 1 to 25 do not involve an inventive step in the light of documents 1 to 5 cited in the international search report. Document 2 sets forth a clamping device which clamps the inner surface by an inner engaging member positioned on the outer periphery of a center column (see paragraph [0031]), and an outer engaging member capable of wedge engaging with said inner engaging member, and it would be easy for a person skilled in the art to operate said clamping device to internally clamp a reference block and a movable block.</p> <p>Document 1 sets forth a feature wherein the inner</p>			

Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

engaging member is movable in an axial direction.

Document 3 sets forth a feature wherein a plurality of pressing members on the circumferential direction of the outer engaging member with an interval in between are movably supported in the radial direction.

Document 4 sets forth a feature wherein a center column is movably supported by a reference block in the radial direction.

Document 5 sets forth a feature wherein a seating gap is formed between the supporting face of the reference block and the supported face of a movable block in the release state; and a clamping system comprising a first plugging means wherein the inner engaging member is removable over the entire circumference of the outer peripheral surface of the center column, a second plugging means wherein the inner engaging member is removable in a predetermined radial direction of the outer peripheral surface of the center column, and a third plugging means dedicated to locking.

Changing the configuration of the aforementioned inner engaging member and outer engaging member within a range which would bring the wedge action into play would merely be a design matter to a person skilled in the art.